

FIG. 1

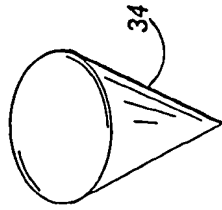


FIG. 3

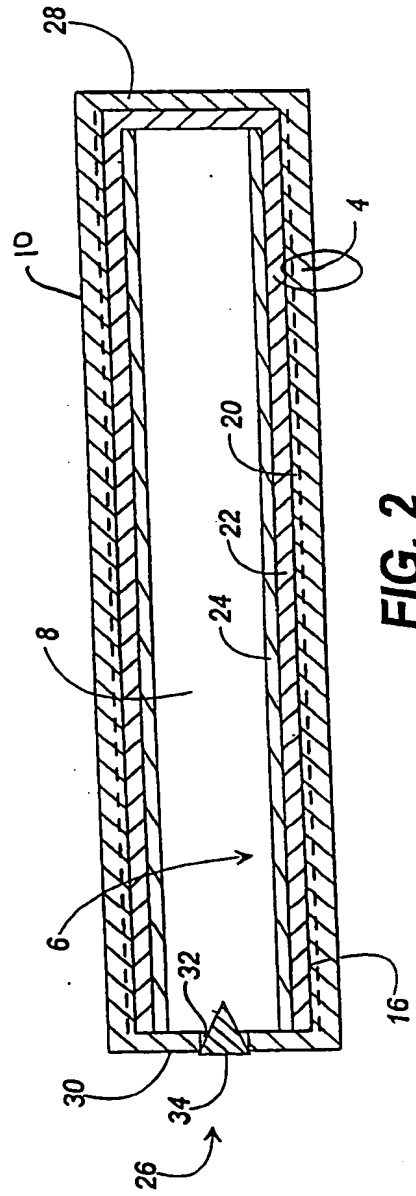
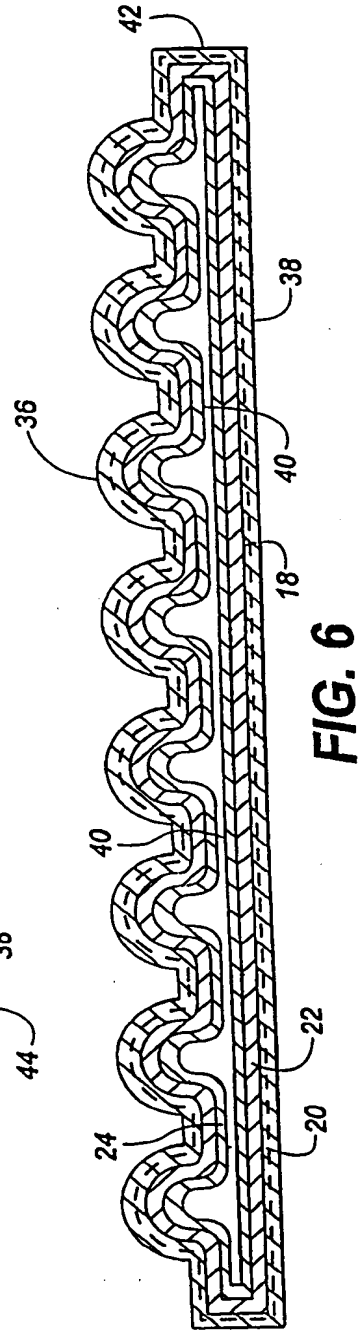
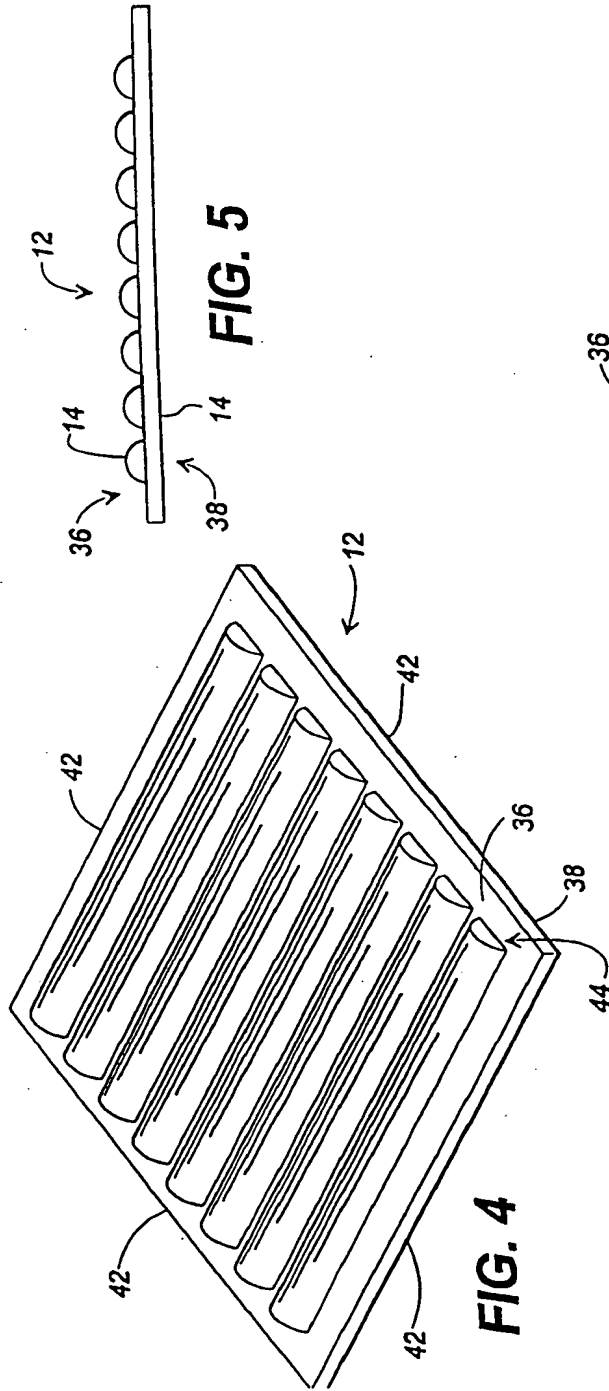
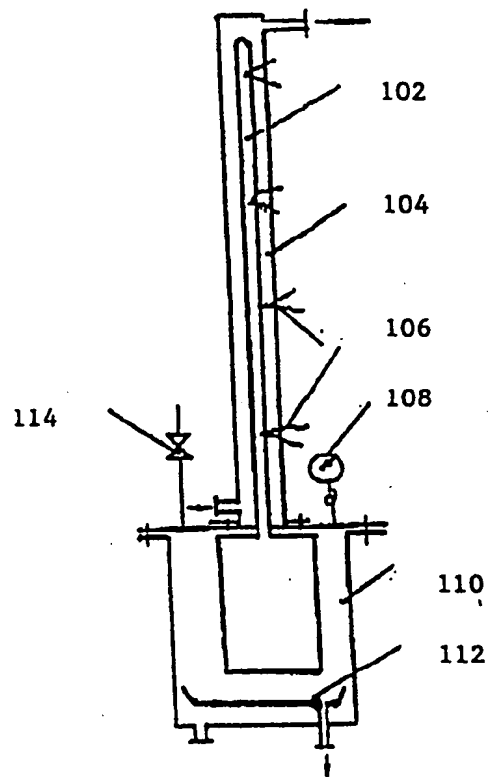
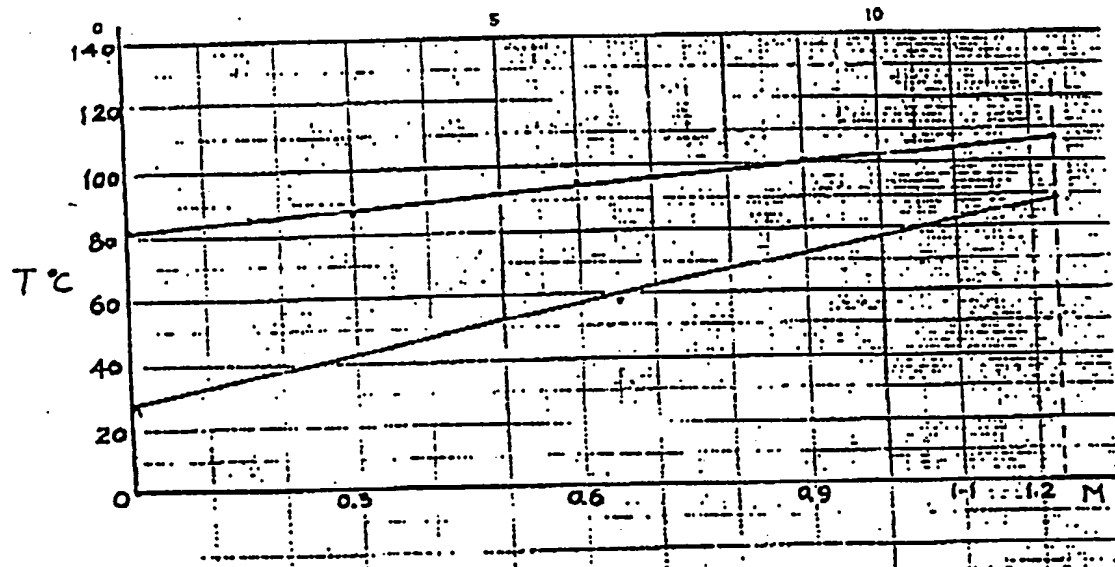


FIG. 2



**FIG. 7**



图一 NO.1 $\theta = 54.32 \exp(0.3178x)$ $V = 0.167 \times 10^{-2} \text{ m}^2/\text{s}$
 相关系数=0.9505 $Q = 4.23 \times 10^3 \text{ W}$

FIG. 8

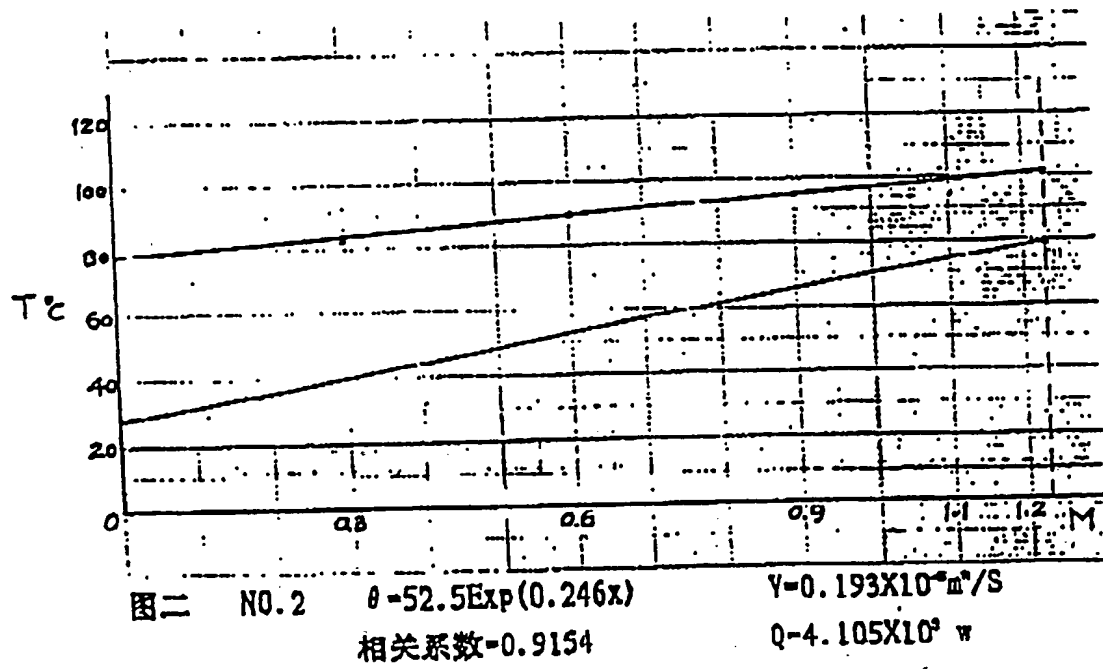
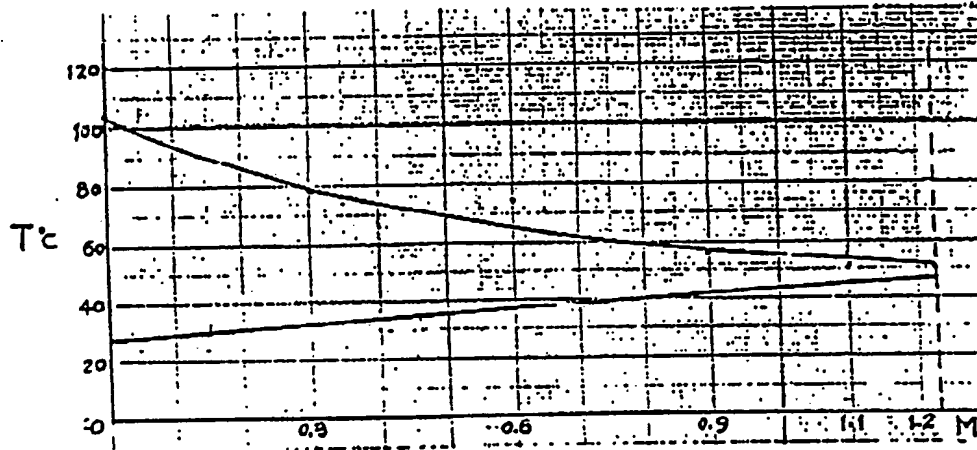


FIG. 9



图三 NO.3 $\theta = 78.29 \exp(-1.086x)$
相关系数=0.9247

$V = 0.522 \times 10^{-4} \text{ m}^3/\text{s}$
 $Q = 4.054 \times 10^3 \text{ W}$

FIG. 10

